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VCSEL PACKAGE AND FABRICATION METHOD

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5 ABSTRACT

10 A VCSEL package includes a substrate and a VCSEL
device coupled to the substrate. The VCSEL device
includes a first VCSEL and a calibration VCSEL. A sensor
is coupled to the substrate such that a sensor area of the
15 sensor is aligned with the calibration VCSEL. The sensor
measures light from the calibration VCSEL to determine the
power output of light emitted from the first VCSEL. The
measured light is subsequently used to adjust the
electrical power input to the VCSEL device to maintain the
15 power output of the light emitted from the first VCSEL at
a fixed or constant value.

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